```
1
2   from a0_items import *
3
4
5
6   # https://pynative.com/python-rename-file/
7
8   # change file name
9   def rename_file (old_name, new_name):
10
11      if os.path.isfile(new_name):
12
13          print("The file already exists")
14
15      else:
16
17          # Rename the file
18          os.rename(old_name, new_name)
19
20
21
22  def move_file (src_path, dst_path):
23
24      # absolute path
25      shutil.move(src_path, dst_path)
26
27
28
29  def move_all_files_in_folder ():
30
31      pass
32
33
34
35  ##########################################################################################
    ##################
36  #### copy file
37  ##########################################################################################
    ##################
38
39  import os
40  import shutil
41  from shutil import SameFileError
42
43  # Copy files
44
45  def copy_file (dst_folder_path, src_file_path, dst_file_path):
46
47      try:
48          # copy file
49          shutil.copyfile(src_file_path, dst_file_path)
50          # destination folder after copying
51          print("Destination after copying", os.listdir(dst_folder_path))
52
53      except SameFileError:
54
55          print("We are trying to copy the same File")
56
57      except IsADirectoryError:
58
59          print("The destination is a directory")
60
61
62
63  def copy_every_file_in_folder (src_folder_path, dst_folder_path):
64
65      if os.path.exists(src_folder_path):
```

```
66
67          shutil.copytree(src_folder_path, dst_folder_path)
68
69
70
71
72      ##########################################################################################
        ##################
73      #### get file size
74      ##########################################################################################
        ##################
75
76      # https://www.geeksforgeeks.org/how-to-get-file-size-in-python/
77
78      def get_file_size_1 (file_path_1):
79
80          file_stats = os.stat(file_path_1)
81
82          print(file_stats)
83          print(f'File Size in Bytes is {file_stats.st_size}')
84          print(f'File Size in MegaBytes is {file_stats.st_size / (1024 * 1024)}')
85
86          return file_stats
87
88
89
90      def get_file_size_2 (file_path_2):
91
92          file_size = os.path.getsize(file_path_2)
93
94          print("File Size is :", file_size, "bytes")
95
96
97
98      def get_file_size_3 (file_path_3):
99
100         # open file
101         file = open(file_path_3)
102
103         # get the cursor positioned at end
104         file.seek(0, os.SEEK_END)
105
106         # get the current position of cursor
107         # this will be equivalent to size of file
108         print("Size of file is :", file.tell(), "bytes")
109
110
111
112     from pathlib import Path
113
114     def get_file_size_3 (file_path_4):
115
116         # open file
117         Path(file_path_4).stat()
118
119         # getting file size
120         file=Path(file_path_4).stat().st_size
121
122         # display the size of the file
123         print("Size of file is :", file, "bytes")
124
125
126     #get_file_size_3 (file_path_4='test_panda.csv')
127
128
129     ##########################################################################################
        ########
```

```
#### grouping files with matching string
################################################################################################
########

def group_file_name_ends_with (folder_path, ends_with_str):

    LIST_file = oslistdir(folder_path)

    LIST_file_ends_with = []

    for file in LIST_file:

        if file.endswith(ends_with_str):

            LIST_file_ends_with.append(file)
            print (file + ' added to list')

        else:

            print (file + ' NOT added to list')


    return LIST_file_ends_with
```